

飞驼可视 API 接口说明文档

简介:飞驼可视 API 接口

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全球海运集装箱全程跟踪 API

简要描述

- 本接口内容提供详细的集装箱物流状态，数据来源港区数据、船公司数据、AIS 船舶定位，以及船舶计划等预警节点

请求 URL

- /trace/ocean

请求头设置

参数名称	参数描述
Authorization	Bearer + 空格 + token

请求方式

- POST

参数

- JSON 格式

参数名	是否必填	类型	说明
billNo	否	string	订阅号（提单号或订舱号）不支持货代单号； 订阅号、箱号必填其一， 都填写时以订阅号为主
containerNo	否	string	箱号， 订阅号、箱号必填其一， 都填写时以订阅号为主
carrierCode	否	string	船公司代码； 船公司代码、港区代码两者必须选填一个 需要船公司就填写船公司代码， 需要港区数据就填写港区代码。如果订舱号带前缀且我们系统可以自动识别船公司代码， 则可以不传船公司代码。
portCode	否	string	港区代码； 船公司代码、港区代码两者必须选填一个 需要船公司就填写船公司代码， 需要港区数据就填写港区代码
isExport	否	string	进出口标识 E 出口， I 进口； 如果要获取港区数据， 则进出口标识必填

调用示例

```
[
{
  "billNo": "ONEYSH1FH3061700",
  "containerNo": "",
  "carrierCode": "ONE",
  "portCode": "CNSHA",
  "isExport": "E"
}
```

返回示例

```
message": "操作成功",
content": {
  "query": {
    "params": [
      {
        "portCode": "CNSHA",
        "isExport": "E",
        "billNo": "ONEYSH1FH3061700",
        "containerNo": "",
        "carrierCode": "ONE"
      }
    ],
    "method": "POST"
  },
  "data": [
    {
      "billNo": "ONEYSH1FH3061700",
      "endTime": "",
      "containerNo": "",
      "isBillNo": true,
      "carrier": {
        "nameCn": "海洋网联",
        "scac": "ONEY",
        "nameEn": "Ocean Network Express",
        "code": "ONE",
        "url": "http://ecomm.one-line.com/ecom/CUP_HOM_3301.do"
      }
    }
  ],
}
```

```
"receipt": {
  "name": "SHANGHAI",
  "nameOrigin": "SHANGHAI, SHANGHAI, CHINA",
  "etd": null,
  "atd": "2021/12/17 18:30:00",
  "portTimeZone": "8",
  "code": "CNSHA",
  "lat": 31.292088,
  "lon": 121.495623
},
"delivery": {
  "name": "LONG BEACH,CA",
  "nameOrigin": "LONG BEACH, CA, UNITED STATES",
  "eta": null,
  "ata": "2022/01/04 18:00:00",
  "portTimeZone": "-7",
  "code": "USLGB",
  "lat": 33.752860,
  "lon": -118.211688
},
"firstVessel": {
  "vessel": "HYUNDAI JUPITER",
  "voyage": "021E"
},
"currentStatus": {
  "vslName": "",
  "voy": "",
  "eventCode": "STCS",
  "eventTime": "2022/02/25 16:05:00",
  "isEsti": "N",
```

```
"eventPlace": "LONG BEACH,CA",
"portTimeZone": "- 7",
"descriptionCn": "提货",
"descriptionEn": "Gate Out from Inbound Terminal for Delivery to Consignee (or Port Shuttle)",
"eventPlaceOrigin": "LONG BEACH, CA, UNITED STATES",
"portCode": "USLGB",
"source": 1
},
"places": [
{
"code": "CNSHA",
"name": "SHANGHAI",
"nameCN": "上海",
"nameOrigin": "SHANGHAI, SHANGHAI, CHINA",
"type": 2,
"lat": 31.292088,
"lon": 121.495623,
"plan": {
"vessel": "HYUNDAI JUPITER",
"voyage": "021E",
"etd": null,
"eta": null,
"ata": null,
"atd": "2021/12/17 18:30:00"
},
"portTimeZone": "8",
"ata_ais": null,
"atd_ais": "2021/12/17 20:18:37"
},
{
```

```
"code": "CNSHA",
"name": "SHANGHAI",
"nameCN": "上海",
"nameOrigin": "SHANGHAI, SHANGHAI, CHINA",
"type": 1,
"lat": 31.292088,
"lon": 121.495623,
"plan": {
  "vessel": "HYUNDAI JUPITER",
  "voyage": "021E",
  "etd": null,
  "eta": null,
  "ata": null,
  "atd": "2021/12/17 18:30:00"
},
"portTimeZone": "8",
"ata_ais": null,
"atd_ais": "2021/12/17 20:18:37"
},
{
  "code": "USLGB",
  "name": "LONG BEACH,CA",
  "nameCN": "长滩,加利福尼亚州",
  "nameOrigin": "LONG BEACH, CA, UNITED STATES",
  "type": 5,
  "lat": 33.752860,
  "lon": -118.211688,
  "plan": {
    "vessel": null,
    "voyage": null,
```

```
    "etd": null,
    "eta": null,
    "ata": "2022/01/04 18:00:00",
    "atd": null
  },
  "portTimeZone": "-7",
  "ata_ais": "2022/02/13 03:05:21",
  "atd_ais": null
},
{
  "code": "USLGB",
  "name": "LONG BEACH,CA",
  "nameCN": "长滩,加利福尼亚州",
  "nameOrigin": "LONG BEACH, CA, UNITED STATES",
  "type": 4,
  "lat": 33.752860,
  "lon": -118.211688,
  "plan": {
    "vessel": null,
    "voyage": null,
    "etd": null,
    "eta": null,
    "ata": "2022/01/04 18:00:00",
    "atd": null
  },
  "portTimeZone": "-7",
  "ata_ais": "2022/02/13 03:05:21",
  "atd_ais": null
}
],
```

```
"routes": [  
  {  
    "route": 1,  
    "polCode": "CNSHA",  
    "polName": "SHANGHAI",  
    "polOrigin": "SHANGHAI, SHANGHAI, CHINA",  
    "polLat": "31.292088",  
    "polLon": "121.495623",  
    "polZone": "8",  
    "podCode": "USLGB",  
    "podName": "LONG BEACH,CA",  
    "podOrigin": "LONG BEACH, CA, UNITED STATES",  
    "podLat": "33.752860",  
    "podLon": "-118.211688",  
    "podZone": "-7",  
    "transportMode": null,  
    "modeDetails": {  
      "vessel": "HYUNDAI JUPITER",  
      "voyage": "021E",  
      "polEtd": null,  
      "polAtd": "2021/12/17 18:30:00",  
      "polAtdAis": "2021/12/17 20:18:37",  
      "podEta": null,  
      "podAta": "2022/01/04 18:00:00",  
      "podAtaAis": "2022/02/13 03:05:21",  
      "podAtbAis": "2022/02/13 03:45:07"  
    }  
  }  
],  
"terminalPlan": {
```



```
"portCode": "CNSHA",
"portName": "上海",
"vessel": "HYUNDAI JUPITER",
"voyage": "0021E",
"terminalName": null,
"terminalCode": "YS04",
"etd": "2021/12/17 18:30:00",
"eta": "2021/12/15 20:00:00",
"ata": "2021/12/15 20:55:00",
"atd": "2021/12/17 18:30:00",
"open": "2021/12/13 11:00:00",
"close": "2021/12/17 18:30:00",
"shippingAgent": "鹏海",
"vesselPlanStatus": "5",
"portTimeZone": "8"
},
"containers": [
{
"containerType": ""DRY HC.",
"containerSize": "40",
"containerNo": "BEAU5335766",
"containerOwner": "ONE",
"sealNo": "CND468201",
"currentStatusCode": "STCS",
"currentStatusDescriptionCn": "提货",
"currentStatusDescriptionEn": "Gate Out from Inbound Terminal for Delivery to Consignee (or Port Shuttle)",
"dangerFlag": "N",
"maritimeFlag": "N",
"carrierOperate": "",
"ctrStatusTerminal": "出口重箱",
```

```
"status": [  
  {  
    "vslName": "",  
    "voy": "",  
    "eventCode": "STSP",  
    "eventTime": "2021/11/27 12:58:00",  
    "isEsti": "N",  
    "eventPlace": "SHANGHAI",  
    "portTimeZone": "8",  
    "descriptionCn": "提箱",  
    "descriptionEn": "Empty Container Release to Shipper",  
    "eventPlaceOrigin": "SHANGHAI, SHANGHAI, CHINA",  
    "portCode": "CNSHA",  
    "source": 1  
  },  
  {  
    "vslName": "HYUNDAI JUPITER",  
    "voy": "0021E",  
    "eventCode": "GITM",  
    "eventTime": "2021/12/13 11:03:31",  
    "isEsti": "N",  
    "eventPlace": "SHANGHAI",  
    "portTimeZone": "8",  
    "descriptionCn": "进场",  
    "descriptionEn": "GATE IN TERMINAL",  
    "eventPlaceOrigin": "尚东",  
    "portCode": "CNSHA",  
    "source": 0  
  },  
  {  
    "vslName": "HYUNDAI JUPITER",  
    "voy": "0021E",  
    "eventCode": "GITM",  
    "eventTime": "2021/12/13 11:03:31",  
    "isEsti": "N",  
    "eventPlace": "SHANGHAI",  
    "portTimeZone": "8",  
    "descriptionCn": "进场",  
    "descriptionEn": "GATE IN TERMINAL",  
    "eventPlaceOrigin": "尚东",  
    "portCode": "CNSHA",  
    "source": 0  
  }  
]
```

```
"vsIName": "HYUNDAI JUPITER",
"voy": "0021E",
"eventCode": "PASS",
"eventTime": "",
"isEsti": "N",
"eventPlace": "SHANGHAI",
"portTimeZone": "8",
"descriptionCn": "海放",
"descriptionEn": "CUSTOMS CLEARANCE",
"eventPlaceOrigin": "尚东",
"portCode": "CNSHA",
"source": 0
},
{
  "vsIName": "HYUNDAI JUPITER",
  "voy": "0021E",
  "eventCode": "TMPS",
  "eventTime": "",
  "isEsti": "N",
  "eventPlace": "SHANGHAI",
  "portTimeZone": "8",
  "descriptionCn": "码放",
  "descriptionEn": "TERMINAL CLEARANCE",
  "eventPlaceOrigin": "尚东",
  "portCode": "CNSHA",
  "source": 0
},
{
  "vsIName": "HYUNDAI JUPITER",
  "voy": "0021E",
```

```
"eventCode": "LOBD",
"eventTime": "2021/12/17 10:18:31",
"isEsti": "N",
"eventPlace": "SHANGHAI",
"portTimeZone": "8",
"descriptionCn": "装货",
"descriptionEn": "LOAD ON BOARD",
"eventPlaceOrigin": "尚东",
"portCode": "CNSHA",
"source": 0
},
{
  "vslName": "HYUNDAI JUPITER",
  "voy": "021E",
  "eventCode": "DLPT",
  "eventTime": "2021/12/17 18:30:00",
  "isEsti": "N",
  "eventPlace": "SHANGHAI",
  "portTimeZone": "8",
  "descriptionCn": "离开",
  "descriptionEn": "'HYUNDAI JUPITER 021E' Departure from Port of Loading",
  "eventPlaceOrigin": "SHANGHAI, SHANGHAI, CHINA",
  "portCode": "CNSHA",
  "source": 1
},
{
  "vslName": "HYUNDAI JUPITER",
  "voy": "021E",
  "eventCode": "BDAR",
  "eventTime": "2022/01/04 18:00:00",
```

```
"isEsti": "N",
"eventPlace": "LONG BEACH,CA",
"portTimeZone": "-7",
"descriptionCn": "到达",
"descriptionEn": "'HYUNDAI JUPITER 021E' Arrival at Port of Discharging",
"eventPlaceOrigin": "LONG BEACH, CA, UNITED STATES",
"portCode": "USLGB",
"source": 1
},
{
  "vsIName": "HYUNDAI JUPITER",
  "voy": "021E",
  "eventCode": "POCA",
  "eventTime": "2022/02/13 02:45:00",
  "isEsti": "N",
  "eventPlace": "LONG BEACH,CA",
  "portTimeZone": "-7",
  "descriptionCn": "停泊",
  "descriptionEn": "'HYUNDAI JUPITER 021E' POD Berthing Destination",
  "eventPlaceOrigin": "LONG BEACH, CA, UNITED STATES",
  "portCode": "USLGB",
  "source": 1
},
{
  "vsIName": "HYUNDAI JUPITER",
  "voy": "021E",
  "eventCode": "DSCH",
  "eventTime": "2022/02/14 16:04:00",
  "isEsti": "N",
  "eventPlace": "LONG BEACH,CA",
```

```
"portTimeZone": "-7",
"descriptionCn": "卸货",
"descriptionEn": "Unloaded from 'HYUNDAI JUPITER 021E' at Port of Discharging",
"eventPlaceOrigin": "LONG BEACH, CA, UNITED STATES",
"portCode": "USLGB",
"source": 1
},
{
  "vslName": "",
  "voy": "",
  "eventCode": "STCS",
  "eventTime": "2022/02/25 16:05:00",
  "isEsti": "N",
  "eventPlace": "LONG BEACH,CA",
  "portTimeZone": "-7",
  "descriptionCn": "提货",
  "descriptionEn": "Gate Out from Inbound Terminal for Delivery to Consignee (or Port Shuttle)",
  "eventPlaceOrigin": "LONG BEACH, CA, UNITED STATES",
  "portCode": "USLGB",
  "source": 1
},
{
  "vslName": "",
  "voy": "",
  "eventCode": "RCVE",
  "eventTime": "2022/02/25 22:30:00",
  "isEsti": "Y",
  "eventPlace": "LONG BEACH,CA",
  "portTimeZone": "-7",
  "descriptionCn": "还箱",
```

```
      "descriptionEn": "Empty Container Returned from Customer",
      "eventPlaceOrigin": "LONG BEACH, CA, UNITED STATES",
      "portCode": "USLGB",
      "source": 1
    }
  ],
  "inspections": [],
  "offLoad": false
}
],
"vessel": [
  {
    "vessel": "HYUNDAI JUPITER",
    "imo": "9725134",
    "mmsi": "232018919",
    "dateBuild": "",
    "flagName": "",
    "containerSize": "",
    "shipOwner": "HMM"
  }
],
"document": {
  "packinglist": [
    {
      "containerNo": "BEAU5335766",
      "poEDI": "CNSHA",
      "podEDI": "USLB6",
      "dstEDI": "USLB6",
      "ctnTareWeight": "3700.0",
      "ctnGrossWeight": "9737.0",
```

```
    "temperature": "",
    "overLimit": "",
    "overLength": "///",
    "overHeight": "90.0",
    "dangerousGoodsGrade": "",
    "biIIINO": "ONEYSH1FH3061700",
    "subPieces": "1140.0",
    "subWeight": "3420.0",
    "subVolume": "40.863",
    "preRecordTime": "",
    "reportSendTime": "2021/12/13 11:39:31",
    "csize": "40",
    "cheightcn": "9'6\"",
    "ctype": "GP",
    "comeOutMode": "装船出场",
    "approachMode": "出口重箱进场",
    "declarationNo": "",
    "uncode": ""
  }
],
"vgm": [
  {
    "vgmWeight": "",
    "vgmEDITime": "",
    "containerNo": "BEAU5335766"
  }
]
}
}
```


"status": 20000,
"statusCode": 20000

返回参数说明

参数名	说明
message	信息
content	内容
query	请求参数集合
params	参数
portCode	港口代码 详见 3.3 数据覆盖范围和状态说明
isExport	进出口标识
billNo	提单号
containerNo	箱号
carrierCode	船公司代码 详见 3.3 数据覆盖范围和状态说明
method	请求方式
data	汇总数据集合
billNo	提单号
containerNo	箱号
isBillNo	是否为单号 true 是单号 false 非单号
endTime	结束时间，停止更新
carrier	船公司信息

参数名		说明
nameCn		船公司中文名
scac		船公司 SCAC
nameEn		船公司英文名
code		船公司代码
url		船公司 url
<i>receipt</i>		<i>接货地信息</i>
name		接货地名称
nameOrigin		地点原始值
etd		接货地预计离开时间
atd		接货地实际离开时间
portTimeZone		地点所在时区
code		港口五字码
lat		纬度
lon		经度
<i>delivery</i>		<i>交货地信息</i>
name		交货地名称
nameOrigin		地点原始值
eta		交货地预计到达时间
ata		交货地实际到达时间
portTimeZone		地点所在时区
code		港口五字码
lat		纬度

参数名		说明
lon		经度
firstVessel		头程船舶
vessel		船名
voyage		航次
<i>currentStatus</i>		当前状态信息
vsIName		船名
voy		航次
eventCode		当前状态代码，详细见状态代码说明
eventTime		当前状态发生时间
isEsti		是否已发生， N 实际发生 Y 预计发生
eventPlace		当前状态发生地
portTimeZone		地点所在时区
descriptionCn		状态描述中文
descriptionEn		状态描述英文
eventPlaceOrigin		发生地原始值
portCode		港口五字码
source		数据来源， 1 代表船公司， 0 代表港区
<i>places</i>		发生地信息
code		地点五字码
name		地点英文名
nameCN		地点中文名
nameOrigin		地点原始值

参数名	说明
type	类型，详见 3.3 数据覆盖范围和状态说明
lat	纬度
lon	经度
plan	船舶计划
vessel	船名
voyage	航次
etd	预计离港时间
eta	预计到港时间
ata	实际到港时间
atd	实际离港时间
portTimeZone	地点所在时区
ata_ais	AIS 实际到港时间
atd_ais	AIS 实际离港时间
<i>routes</i>	<i>船公司的船舶计划集合</i>
route	第几段船舶计划
polCode	起始地的港口五字码
polName	起始地的港口名称
polOrigin	起始地的港口名称原始值
polLat	起始地的纬度
polLon	起始地的经度
polZone	起始地的时区
podCode	目的地的港口五字码

参数名		说明
podName		目的地的港口名称
podOrigin		目的地的港口名称原始值
podLat		目的地的纬度
podLon		目的地的经度
podZone		目的地的时区
transportMode		交通方式，String 类型，暂时未使用
modeDetails		交通方式详情集合
vessel		船名
voyage		航次
polEtd		起始地的预计离港时间
polAtd		起始地的实际离港时间
polAtdAis		起始地的 AIS 离港时间
podEta		目的地的预计到港时间
podAta		目的地的实际到港时间
podAtaAis		目的地的 AIS 到港时间
podAtbAis		目的地的 AIS 靠泊时间
<i>terminalPlan</i>		<i>港区船舶计划</i>
portCode		港口代码
portName		港口名称
vessel		船名
voyage		航次
terminalName		码头中文名

参数名	说明
terminalCode	码头代码，详见码头代码说明
vesselPlanStatus	船期状态，详见船期状态说明
portTimeZone	地点所在时区
etd	预计离港时间
eta	预计到港时间
ata	实际到港时间
atd	实际离港时间
open	开港时间
close	截港时间
shippingAgent	船代理简称
<i>containers</i>	<i>集装箱信息</i>
containerType	箱型
containerSize	箱高度
containerNo	箱号
containerOwner	持箱人
ctrStatusTerminal	箱状态
sealNo	铅封号
currentStatusCode	当前状态代码
currentStatusDescriptionCn	当前状态中文描述
currentStatusDescriptionEn	当前状态英文描述
dangerFlag	危险品标识
maritimeFlag	海事标识

参数名	说明
carrierOperate	船公司操作，包括：加锁和截关
status	箱动态节点
vsIName	船名
voy	航次
eventCode	状态码 详见 3.3 数据覆盖范围和状态说明
eventTime	状态发生时间
isEsti	是否已发生， N 实际发生 Y 预计发生
eventPlace	发生地
portTimeZone	发生地所在时区
descriptionCn	状态中文描述
descriptionEn	状态英文描述
eventPlaceOrigin	发生地原始值
portCode	港口五字码
source	数据来源， 1 代表船公司， 0 代表港区
inspections	作业计划（查验、提出口重箱）
planNo	计划号
billNo	提单号
type	类型， 详见作业计划类型返回说明
startTime	开始时间
endTime	结束时间
arrangeTime	受理时间
arrangePlace	地点

参数名		说明
terminal		码头
status		状态
offLoad		是否甩柜，true 代表甩柜，false 代表未甩柜
<i>vessel</i>		<i>船舶信息集合</i>
vessel		船名
imo		imo
mmsi		mmsi
dateBuild		船舶建造日
flagName		船籍
containerSize		箱量
shipOwner		运营方
<i>document</i>		<i>货运单证集合</i>
packinglist		装箱单信息
containerNo		箱号
polEDI		装货港 EDI
podEDI		卸货港 EDI
dstEDI		目的港 EDI
ctnTareWeight		箱皮重
ctnGrossWeight		箱总重
temperature		冷藏箱温度
overLimit		超限
overLength		超限长度

参数名		说明
overHeight		超高
dangerousGoodsGrade		危险品等级
unicode		联合国编号
billNO		提单号
subPieces		分件数
subWeight		分重量
subVolume		分体积
ctype		箱型
csize		箱量
comeOutMode		出场方式
approachMode		进场方式
declarationNo		报关单号
cheightcn		箱高度
preRecordTime		箱预录时间
reportSendTime		运抵报文发送时间
VGM		VGM
containerNo		箱号
vgmWeight		VGM 船公司报文重量
vgmEDITime		VGM 报文时间
status		程序内部使用
statusCode		详见 数据字典-状态码说明

状态码说明

状态码		说明
20000	有数据	
20001	无数据	
40300	无权限	
40100	token 无效	
40400	错误链接	
40500	方法不允许	
40101	账号或密码错误	
40102	账号被停用	
40103	账号不存在	
40000	参数错误	
40001	参数列表过长	
40010	不支持坐标系	
40011	坐标系转换错误	
40020	无法获知船公司代码，建议传入船公司代码获取数据	
50000	内部错误	
42900	调用次数超限，不能超过 60 次/10 秒	